# Freeform Search

Database:	US Patents Full-Text Database US Pre-Grant Publication Full-Text Database JPO Abstracts Database EPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins				
Term:	L6 & L4				
Display: Generate:	Documents in Display Format: - Starting with Number 1  O Hit List • Hit Count O Side by Side O Image				
	Search Clear Help Logout Interrupt				
Main	Menu Show S Numbers Edit S Numbers Preferences Cases				
Search History					

DATE: Thursday, June 05, 2003 Printable Copy Create Case

1 of 2 · · · 6/5/03 4:54 PM

<u>Set Name</u> side by side		Hit Count	
•			result set
	SPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR		
<u>L13</u>	L11 & L6	1	<u>L13</u>
<u>L12</u>	L9 & L4	1	<u>L12</u>
<u>L11</u>	L3 & L4	330	<u>L11</u>
<u>L10</u>	L1 & L4	259	<u>L10</u>
<u>L9</u>	L1 & L3	3	<u>L9</u>
<u>L8</u>	L1 & L2 & L3	1	<u>L8</u>
<u>L7</u>	L6 & L4	7	<u>L7</u>
<u>L6</u>	flip-chip SAME electro-optic\$4	45	<u>L6</u>
<u>L5</u>	flip-chip SAME diode\$1 SAME electro-optic\$4	18	<u>L5</u>
<u>L4</u>	bond\$3 SAME (cell\$1 or die\$1)	81227	<u>L4</u>
<u>L3</u>	(convex or bump\$3) SAME semiconductor\$1 SAME etch\$3	2133	<u>L3</u>
<u>L2</u>	cell\$1 SAME electro-optic\$4 SAME (efficien\$3 or optimiz\$3)	138	<u>L2</u>
<u>L1</u>	light\$3 NEAR5 emit\$4 SAME (diode\$1 or cell\$1) SAME absor\$5	5260	<u>L1</u>

**END OF SEARCH HISTORY** 

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#### Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 20020131145 A1

L12: Entry 1 of 1

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020131145

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020131145 A1

TITLE: Structure and method for forming a high efficiency electro-optics device

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Lin, Ming-Der Hsinchu TW Wang, Kwang-Ru Chiayi TW Tsai, Chang-Da Chiayi TW Hsu, Jung-Kuei Taipei TW

US-CL-CURRENT: 359/248; 359/245, 359/254

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#### **Search Results -** Record(s) 1 through 1 of 1 returned.

1. Document ID: US 20020131145 A1

L13: Entry 1 of 1

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020131145

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020131145 A1

TITLE: Structure and method for forming a high efficiency electro-optics device

PUBLICATION-DATE: September 19, 2002

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NAME CITY STATE COUNTRY RULE-47 Lin, Ming-Der Hsinchu TW Wang, Kwang-Ru Chiayi TW Tsai, Chang-Da Chiayi TW Hsu, Jung-Kuei Taipei TW

US-CL-CURRENT: 359/248; 359/245, 359/254



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#### Search Results - Record(s) 1 through 3 of 3 returned.

1. Document ID: US 20030015672 A1

L9: Entry 1 of 3

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030015672

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030015672 A1

TITLE: Methods and systems for alignment of detection optics

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Gallagher, Steven J. Palo Alto CA US

US-CL-CURRENT: 250/548

Full Title Citation Front Review Classification Date Reference Sequences Attachments Craw Desc Image

KWIC

2. Document ID: US 20020131145 A1

L9: Entry 2 of 3

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020131145

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020131145 A1

TITLE: Structure and method for forming a high efficiency electro-optics device

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Lin, Ming-Der Hsinchu TW Wang, Kwang-Ru Chiayi ΤW Tsai, Chang-Da Chiayi TW Hsu, Jung-Kuei Taipei TW

US-CL-CURRENT: 359/248; 359/245, 359/254

Full Title Citation Front Review Classification Date Reference Sequences Attachments KVMC |
Draw, Desc | Image |

3. Document ID: US 6025251 A

L9: Entry 3 of 3

File: USPT

Feb 15, 2000

US-PAT-NO: 6025251

DOCUMENT-IDENTIFIER: US 6025251 A

TITLE: Method for producing a plurality of semiconductor components

Citation Front Rev	iew Classification	Date Reference	Sequences Attachments	KWIC
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Terms			Documents	3
	Terms	Generate of Terms	Generate Collection  Terms	Generate Collection Print  Terms Documents

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20030100140 A1

L7: Entry 1 of 7

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100140

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030100140 A1

TITLE: Method for packaging a high efficiency electro-optics device

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lin, Ming-Der	Hsinchu		TW	
Tsai, Chang-Da	Yi Chu Hsiang		TW	
Wang, Kwang-Ru	Yichu		TW	
Kao, Ching-Liang	Beinan		TW	
Tseng, Wen-Liang	Hsinchu		TW	
Chang, Chia-Chen	Ilan		TW	

US-CL-CURRENT: 438/106; 438/123, 438/29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw, D	esc li	nage								

2. Document ID: US 20030031428 A1

L7: Entry 2 of 7 File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030031428

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030031428 A1

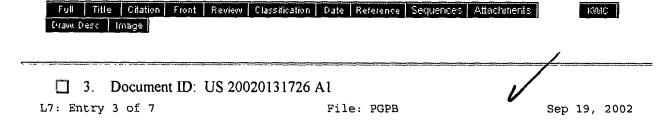
TITLE: Parellel electro-optic interface assembly

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wickman, Randy	Cadott	WI	US	
Novacek, Jane	Eau Claire	WI	US	
Nelson, Steven C.	Fall Creek	WI	US	
Greene, John	Chippewa Falls	WI	US	
O'Connor, Gary	Bolingbrook	IL	US	
Kunkle, Ronald	Jim Falls	WI	US	
Banike, Scott	Montgomery	IL	US	
Barneson, David	Eleva	WI	US	
Gregory, Bryan	Glen Ellyn	IL	US	
Mansur, Daniel	Chippewa Falls	WI	US	

US-CL-CURRENT: 385/89; 385/88



PGPUB DOCUMENT-NUMBER: 20020131726

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020131726 A1

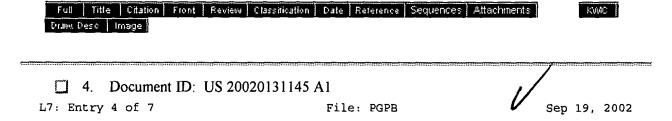
TITLE: Method and structure for packaging a high efficiency electro-optics device

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lin, Ming-Der	Hsinchu		TW	
Tsai, Chang-Da	Yi Chu Hsiang		TW	
Wang, Kwang-Ru	Yichu		TW	
Kao, Ching-Liang	Beinan		TW	
Tseng, Wen-Liang	Hsinchu		TW	
Chang, Chia-Chen	Ilan		TW	

US-CL-CURRENT: 385/88; 385/14



PGPUB-DOCUMENT-NUMBER: 20020131145

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020131145 A1

TITLE: Structure and method for forming a high efficiency electro-optics device

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Lin, Ming-Der Hsinchu TW
Wang, Kwang-Ru Chiayi TW
Tsai, Chang-Da Chiayi TW
Hsu, Jung-Kuei Taipei TW

US-CL-CURRENT: 359/248; 359/245, 359/254

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC

5. Document ID: US 20020105998 A1

L7: Entry 5 of 7 File: PGPB Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020105998

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020105998 A1

TITLE: Ring resonator based narrow-linewidth semiconductor lasers

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Ksendzov, Alexander La Crescenta CA US

US-CL-CURRENT: 372/92

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Desc Image

6. Document ID: US 20020037025 A1

L7: Entry 6 of 7 File: PGPB Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020037025

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020037025 A1

TITLE: Hybrid narrow -linewidth semiconductor lasers

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bartman, Randall K. Altadena CA US
Ksendzov, Alexander La Crescenta CA US
Dubovitsky, Serge Los Angeles CA US

US-CL-CURRENT: 372/50; 372/36, 372/96

Full Title Citation Front Review Classification Date Reference Sequences Attachments RAMC Draw Description

		***************************************
☐ 7. Document ID: US 6403881	B1	
L7: Entry 7 of 7	File: USPT	Jun 11, 2002
US-PAT-NO: 6403881 DOCUMENT-IDENTIFIER: US 6403881 B1		
TITLE: Electronic component package	assembly and method of manufactu	ring the same
Full   Title   Citation   Front   Review   Class Craw Desc   Image	fication   Date   Reference   Sequences   Attachm	ents KAMC
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Terms	Documents	
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